

中国蝇科一新属新种 (双翅目: 蝇科)

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摘要: 整理新疆地区蝇科标本中, 发现棘蝇亚科 Phaoniinae 一新属和一新种, 命名为华棘蝇属 *Sinophaonia* 新属, 模式种为栉胫华棘蝇 *S. pectinitibia* 新种。模式标本保存于沈阳师范学院昆虫研究所。

关键词: 双翅目; 蝇科; 新属; 新种; 中国

中图分类号: Q969.453.8 **文献标识码:** A **文章编号:** 0454-6296 (2001) 01-0095-03

华棘蝇属, 新属 *Sinophaonia* gen. nov.

模式种: 栉胫华棘蝇, 新种 *Sinophaonia pectinitibia* sp. nov.

属征: 雄额狭, 有前倾的上眶鬃, 颊前有2列向上弯曲的鬃毛; 背中鬃2+4, 翅前鬃约等于后背侧片鬃长, 前胸基腹片、翅侧片、下侧片和后气门前肋裸, 腹侧片鬃1:1; 亚前缘脉呈弓把形弯曲, 除前缘脉具刚毛外, 其余各脉均裸, r_{4+5} 和 m_{1+2} 脉直, 下腋瓣呈舌状突出; 中胫后腹面具7~8根栉状鬃列, 无其它鬃; 后胫近端位后背鬃1, 中位后腹鬃2; 各足爪及爪垫短小。

分布: 中国新疆地区。

新属近似于棘蝇属 *Phaonia* R. -D. 和饰足棘蝇属 *Lophosceles* Ringdahl, 但新属中足胫节无后鬃, 后腹鬃列呈栉状, 长大, 后胫中位具2根后腹鬃; 侧额具1对前倾的上眶鬃等不同^[1~3]。

栉胫华棘蝇, 新种 *Sinophaonia pectinitibia* sp. nov. (图1~2)

雄: 体长5.8 mm。复眼具长纤毛; 额约为前单眼宽的2倍, 间额黑色, 在最狭处约等于一侧额宽, 在额下半部具5对下眶鬃, 在前单眼前侧方具1对前倾的上眶鬃; 侧额和侧颜粉被棕灰色, 侧颜稍大于或等于触角宽; 触角黑色, 第3节长为宽的2.5倍, 芒呈短纤毛状, 芒毛长等于或短于芒基横径; 口上片不突出, 髯角和额角位于同一垂线上; 颊毛和下后头毛黑, 颊高等于眼高1/4强; 下颚须黑色, 长于具粉被的前额。

胸部暗黑, 粉被灰色, 盾片斑条不明显; 前中鬃0+1, 前中鬃呈4列小毛状, 翅内鬃0+2, 后背侧片鬃附近具小毛, 小盾侧缘和下面裸。翅透明, 无暗晕, 脉褐色, 前缘基鳞黑,

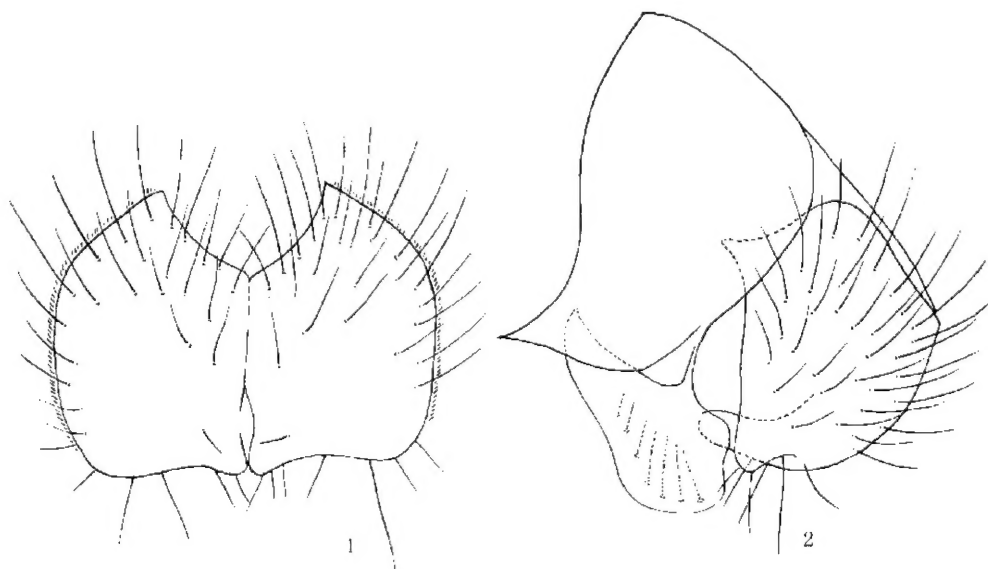


图 1—2 栉胫华棘蝇, 新种 *S. pectinitibia* sp. nov. ♂

1. 肛尾叶后面 posterior view of cerci; 2. 尾器侧面 lateral view of terminalia

前缘刺短小; 下腋瓣淡黄, 平衡棒黄。足全黑; 前胫中位后腹鬃 1; 中股无前腹鬃, 后腹鬃列完整, 短于该节横径, 其端部 1/3 略长于或等于该节横径, 中胫无前背和后鬃, 栉状后腹鬃列长大, 7~8 根, 均超过该胫节横径的 3 倍长; 后股弯曲, 端部 1/3 膨大, 膨大部具 2 列长大的后腹鬃, 基半部后腹鬃呈倒伏状, 端半部具前腹和后背鬃列, 前背鬃列完整, 后胫前腹鬃 2~3, 前背鬃 2; 各足爪等于或长于爪垫长。腹部暗黑, 近锥状, 背面粉被灰黄色, 无变色粉被斑, 各背板正中具明显的暗黑色条, 体毛疏长, 第 1 腹板具 2 对小毛。肛尾叶宽大。雌: 不明。

正模 ♂, 新疆东昆仑卡尔洞, 4 100 m, 高寒草原, 1984 年 6 月 28 日, 向超群采。

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One new genus and one new species of Muscidae from China (Diptera: Muscidae)

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Abstract: A new genus *Sinophaonia* gen. nov. with a new species *S. pectinitibia* sp. nov. of Phaoni-

inae is described from Xinjiang Uygur Autonomous Region, China. The type specimen is deposited in the Institute of Entomology, Shenyang Normal College.

Key words: Diptera; Muscidae; new genus; new species; China

***Sinophaonia* gen. nov.**

Type species: *Sinophaonia pectinitibia* sp. nov.

Frons narrow, parafrontalia with a pair of proclinate *ors*, peristoma with two rows of up-curved setae; *dc* 2 + 4, *pra* subequal in length to 2nd notopleural bristle, prosternum, pteropleura, hypopleura and beret bare, *stpl* 1 : 1; subcosta vein arcuate, r_{4+5} and m_{1+2} veins straight, lower squamae tongue-shaped; mid tibia with a row of 7 to 8 long pectinate bristles on posteroventral surface, instead of normal bristles; hind tibia with one *pd* bristle on the subapical part, 2 *pv* bristles on medial part; claws and pulvilli small.

Distribution: Xinjiang Uygur Autonomous Region, China.

This new genus is closely allied to *Phaonia* Robineau-Desvoidy, 1830 and *Lophosceles* Ringdahl, 1922, but differs from both genera in mid tibia without *p* bristle, but with a row of long pectinate *pv* bristles, hind tibia with 2 *pv* bristles on medial part; parafrontalia with a pair of proclinate *ors*.

***Sinophaonia pectinitibia* sp. nov.** (Figs. 1~2)

Male: body length 5.8 mm. Eyes covered with long ciliae; frons about twice the width of front ocellus at narrowest part, 5 pairs of *ori* on lower half of parafrontalia, a pair of proclinate *ors* below front ocellus, parafrontaliae and parafacialiae with dense brownish-grey pollinose, parafrontalia subequal in width to 3rd antennal segment; antenna black, arista pubescent, gena about one-fourth eye height.

Thorax: ground colour dark black, grey pollinated, without trace of mesonotal vittae; *ac* 0 + 1, *ia* 0 + 2, notopleura setulose. Wings hyaline, veins dark brown, basicosta and epaulet black, costal spine small; lower squama yellowish; halter yellow. Legs black; fore tibia with a median *pv* bristle; hind femur curvate, one-third apical part tumescent, with two rows of long *pv* bristles which on basal half prone; hind tibia with 2 or 3 *av* bristles and 2 *ad* bristles.

Abdomen subconic, black, with grey-yellow pollinose being short of tessellate pattern on each tergite, but with median black vittae on 2nd to 5th tergites; 1st sternite with two pairs of hairs.

Female: unknown.

Holotype ♂, Kaerdong, Mt. Kunlun, Xinjiang Uygur Autonomous Region, China: 4 100 m, June 28, 1984, by XIANG Chao-qun.